



## STM Series Digital Dynamic Torque Tester

SIM Series Digital Dynamic torque tester 1s smart tester and 1s designed to test all kinds of dynamic torque. It could be used to check and calibrate the output torque of motor/reducer. The tester is equipped with load torque, load torque effective inflection, good test result. It is applied in motor and machinery manufacturer/scientific research institution.

### Characteristics

- Select dynamic and static torque test.

### Parameter

Model	STM-20
Capacity	20N.m
Resolution	0.01N.m
Accuracy	±1%FS
Max. rotate speed	1000rpm
Connecting shaft dimension	φ 30mm
Power	220±10%V 100W
Dimension	660×350×450mm
Weight	About 73.8kg

Note : Other model could be customized according to requirements.



STM Series Digital Dynamic Torque Tester

## ST-R Series Digital Dynamic Torque Meter

ST-R Series Digital Dynamic Torque Meter, an intelligent metrologic instrument, designed for detecting various dynamic torque, is specialized in calibrating the output torque of all kinds of electrical machineries and moderating machines. It is applied in trades such as electrical machineries, machine-building, scientific research institution etc.

### Characteristics

- Select units: N.m/kgf.cm/lbf.in.
- Auto-off design without operation(1~60minutes).
- RS 232 output, connection to computer for viewing torque curve.



ST-R Series Digital Dynamic Torque Meter

CD Software

### Parameter

Model	ST-1R	ST-2R	ST-5R	ST-10R	ST-20R	ST-50R	ST-100R	ST-200R	ST-500R
Capacity	1N.m	2N.m	5N.m	10N.m	20N.m	50N.m	100N.m	200N.m	500N.m
Resolution	0.0005N.m	0.001N.m	0.002N.m	0.005N.m	0.01N.m	0.02N.m	0.05N.m	0.1N.m	0.2N.m
Connection Size	φ 30mm	φ 30mm	φ 30mm	φ 30mm	φ 30mm	φ 30mm	φ 30mm	φ 50mm	φ 50mm
Accuracy	±1%FS					±2%FS			
Maximun speed	1000rpm								
Power	220±10%V 100W								
Weight	About 4.5kg					About 8.8kg			

## ST-B Series Digital Cap Torque Meter

ST-B Series Cap Torque Meter, an intelligent metrologic instrument, is designed for detecting and calibrating the torsion of opening and closing of various caps. The clamp installation is easy, rapid and its diameter can reach to 200mm.

### Characteristics

- Peak hold, hold time setting (1-10 seconds).
- Upper and lower limit setting, red/green indicator lights and buzzer alarm.
- 10 test value storage, average calculation function.
- Printer inside, print 10 storage value.
- RS232C output, connection to computer could view torque curve.



ST-B Series Digital Torque Meter

CD Software

### Parameter

Model	ST-1B	ST-2B	ST-5B	ST-10B	ST-20B
Capacity	1N.m	2N.m	5N.m	10N.m	20N.m
Resolution	0.0005N.m	0.001N.m	0.002N.m	0.005N.m	0.01N.m
Accuracy	±0.5%FS				
Power	220±10%V 100W				
Dimension	365×210×135mm				
Weight	About 9.0kg				

Note : the appearance and color depends on the real product.